



DECLARATION FOR PATENT APPLICATION

Original Supplemental Substitute PCT

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "**TRANSGENIC ANIMALS THAT PRODUCE HUMAN HEMOGLOBIN**", which is described and claimed in the specification

(check one) which is attached hereto, or
 which was filed on October 30, 1997, as United States Application No. 08/961,443
 and with amendments through (if applicable), or
 in International Application No. PCT/, filed , and as amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known by me to be material to the patentability of the claims of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code §119 (a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) or §365(b) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATIONS: (ENTER BELOW IF APPLICABLE)			PRIORITY CLAIMED (MARK APPROPRIATE BOX BELOW)	
APP. NUMBER	COUNTRY	DAY/MONTH/YEAR FILED	YES	NO

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information known by me to be material to the patentability of the claims of this application as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS (MARK APPROPRIATE COLUMN BELOW)		
		PATENTED	PENDING	ABANDONED
08/934,385	September 19, 1997		X	
08/888,433	July 7, 1997			X
08/611,542	March 6, 1996			X

Address all telephone calls to David G. Perryman at telephone no. (404) 688-0770.

Address all correspondence to:

David G. Perryman, Esq.
NEEDLE & ROSENBERG, P.C.
Suite 1200, The Candler Building
127 Peachtree Street, N.E.
Atlanta, Georgia 30303-1811

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's signature: Tom M. Turner Date: 04/10/02
Residence: 4687 Bridgewater Road, Birmingham, AL 35243
Post Office Address: 4687 Bridgewater Road, Birmingham, AL 35243
Citizenship: U.S.A.

Full name of second inventor: Thomas Ryan

Inventor's signature: T.R. Date: 4/10/02
Residence: 1610 Cahaba Rd. Birmingham, Alabama 35223
Post Office Address: 1610 Cahaba Rd. Birmingham, Alabama 35223
Citizenship: U.S.A.

Full name of third Inventor: Dominic Ciavatta

Inventor's signature: _____ Date: _____
Residence: 206 Culbreth Park Dr. Chapel Hill, N.C. 27516
Post Office Address: 206 Culbreth Park Dr. Chapel Hill, N.C. 27516
Citizenship: U.S.A.

SMITHIES/MAEDA LABS
APR. 10. 2002 1:31PM

Fax: 1-919-966-8800
NEEDLE & SUSENBERG

Apr 10 '02 15:21 P.03

ATTORNEY DOCKET NO. 05118.0007U4

Full name of first inventor: Tim M. Townes

Inventor's signature: _____ Date: _____
Residence: 4687 Bridgewater Road, Birmingham, AL 35243
Post Office Address: 4687 Bridgewater Road, Birmingham, AL 35243
Citizenship: U.S.A.

Full name of second inventor: Thomas Ryan

Inventor's signature: _____ Date: _____
Residence: 1610 Cahaba Rd. Birmingham, Alabama 35223
Post Office Address: 1610 Cahaba Rd. Birmingham, Alabama 35223
Citizenship: U.S.A.

Full name of third inventor: Dominic Ciavatta

Inventor's signature: Dominic Ciavatta Date: 4-10-02
Residence: 206 Culbreth Park Dr. Chapel Hill, N.C. 27516
Post Office Address: 206 Culbreth Park Dr. Chapel Hill, N.C. 27516
Citizenship: U.S.A.